Glanua

#JOB-2400335

Lisbon, Portugal, Portugal,

No of positions : 1

Paid Position

39 hours per week

To be Confirmed

01/07/2025

29/07/2025

How to apply

Application Method :

Please apply to the vacancy by the following means:

Email : recruitment@glanua.com

Open your camera app & point here to view this ad online

Construction - Electrical Design Engineer - (Wastewater Treatment Projects)

Application Details

In order to work in Ireland a non-EEA National, unless they are exempted, must hold a valid employment permit.Please review the Eligibility and requirements for an employment permit if you are unsure of your eligibility to apply for this vacancy.

Job Description

As part of our strategic growth, we are seeking an Electrical Design Engineer who will work as part of a multi-disciplinary engineering team to bring water and wastewater infrastructure projects from concept stage through to Construction. In this role you will work to develop engineering design solutions to meet the Client's needs following these through to the process commissioning stage to ensure the successful outcome of the project.

Duties and Responsibilities:

The main duties and responsibilities of the Electrical Project Engineer are outlined as follows:

Ensure Health, Safety, Environmental, Sustainability & Quality standards, policies and procedures are developed into all designs and design outputs.

Work collaboratively with other engineering disciplines in Process, Mechanical, Control & Automation, Civil and Structural to ensure an optimum design solution is reached.

Reporting to the Electrical Design Manager, design works include the compilation and review of M&I Listings.

Electrical load balances, MIC load calculations.

Medium Voltage design.

Generator design and sizing for back-up applications.

General electrical services design.

Lighting and emergency lighting designs.

Earthing and Lightning protection designs

Cable sizing/cable schedules.

Review I/O of listings.

Review of control panel drawings schematics.

Review of specialist reports on harmonics and selection of equipment to mitigate the harmonics.

Solar PV generation and battery storage and renewable generators for small applications.

Procurement of packages for LV works such as Main Distribution Boards, MCC's and control panels, automation hardware/software, starters, electrical installation works, earthing and lightning protection.

Procurement packages for MV works such as distribution transformers, MV switchgear and specialist design services for MV works.

Procure and manage 3rd party design consultants as required.

For all procurement packages, provide a technical and commercial review of tender returns, ensuring tender returns align to the required standards and demonstrate value for money. Provide a recommendation to procurement.

Provide a detailed and robust handover to site delivery teams including the close-out of any design comments or construction related queries.

With the tendering team, team assist in the preparation and pricing of tender submissions for electrical works.

Promote and advocate key themes from Glanua Business Strategy including a move to off-site manufacturing, improved digitalised ways of working and drive towards sustainability.

Encourage use of innovative technology and ways of working within the team.

Harness opportunities and mitigate risk through effective design and risk mitigation measures during the lifecycle of the design process.

Ensure you are aware of local Asset Standards, Electrical Standards, WIMES, etc and embed requirements of same into respective designs.

- **Sector:** construction

Career Level

- Not Required

Candidate Requirements

(Essential)

- **Minimum Experienced Required (Years):** 5
- **Minimum Qualification:**Level 7 (incl Diploma & Ordinary Bachelor Degree)

(Desirable)

- **Ability Skills:** Administration, Analytical, Communications, Computer Literacy
- **Compentency Skills:** Collaboration, Decision Making, Flexibility, Initiative
- **Driving Licence:** Full: B